

Amendment and Response

Applicant: David A. Schneider et al.

Serial No.: 10/714,775

Filed: November 17, 2003

Docket No.: 100201175-1

Title: IMAGE PRINTING SYSTEM AND METHOD

REMARKS

The following Remarks are made in response to the Non-Final Office Action mailed August 20, 2008, in which claims 1-30 were rejected.

With this Amendment, claims 31-34 have been added, and claims 1, 11, 20, and 26 have been amended to clarify Applicant's invention.

Claims 1-34, therefore, remain pending in the application and are presented for reconsideration and allowance.

Claim Rejections under 35 U.S.C. § 103

Claims 1-15 and 17-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eisenberg et al. U.S. Patent No. 6,452,694 in view of Nguyen et al. U.S. Publication No. 2004/0019848, and further in view of Kim U.S. Publication No. 2001/0053000.

Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Eisenberg et al. U.S. Patent No. 6,452,694 in view of Nguyen et al. U.S. Publication No. 2004/0019848, in view of Kim U.S. Publication No. 2001/0053000, and further in view of Kinjo U.S. Publication No. 2003/0067631.

With this Amendment, independent claim 1 has been amended to clarify **"the graphics application adapted to print image graphics data in a print area of a media object and image notation data to an extension area of the media object as the media object makes a single pass through the image printing system."**

With this Amendment, independent claim 11 has been amended to clarify that the image printing method includes **"printing, via the graphics application, the image graphics data to a print area of a media object and the image notation data to an extension area of the media object as the media object makes a single pass through an image printing system, including printing the image graphics data to an edge of the print area."**

With this Amendment, independent claim 20 has been amended to clarify that the instruction set causes the processor to **"print the image graphics data to an edge of a print area of a media object and the image notation data to an extension area of the media object as the media object makes a single pass through an image printing system."**

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With this Amendment, independent claim 26 has been amended to clarify that the image printing system includes **"means for printing the image graphics data to an edge of a print area of a media object and the image notation data to an extension area of the media object as the media object makes a single pass through the image printing system."**

Support for these amendments is provided in the Specification at, for example, paragraph [0028].

With respect to the Eisenberg, Nguyen, Kim, and Kinjo references, Applicant submits that these references, individually or in combination, do not disclose an image printing system as claimed in independent claim 1, do not disclose an image printing method as claimed in independent claim 11, do not disclose a computer-readable medium as claimed in independent claim 20, and do not disclose an image printing system as claimed in independent claim 26 including printing image graphics data in a print area of a media object and image notation data to an extension area of the media object as the media object makes a single pass through the image printing system.

For example, the Kim reference discloses a method for extending a print area including (a) transmitting, in accordance with a first print step, an image to be printed on a piece of paper bounded by the lower end margin of the piece of paper as provided to the printer; and (b) transmitting, in accordance with a second print step, an image to be printed on a portion of the piece of paper below the lower end margin as provided to the printer, wherein *"[t]he second print step is executed **after** printing on the piece of paper in the first print step"* (emphasis added) (Kim, para. [0010]). Accordingly, the Kim reference discloses that *"[i]n order to extend the print area according to the present invention, printing is **divided** into a first print step and a second print step"* (emphasis added) (Kim, para. [0023]).

More specifically, the Kim reference discloses that the printer set 20 loads the paper 40, prints the first image, and ejects the paper 40 on which the first image is printed (step 34 of FIG. 3), and discloses that in order to perform the second print step, a message for changing the position of the paper 40, on which the first image is printed, is output (step 35 of FIG. 3) such that, according to the message for changing the position of the paper 40, the user changes the position of the paper 40 on which the first image is printed (step 36), whereby the user loads the paper 40 on which the first image is printed backwards, and the printer set 20

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prints the remaining second image on the paper 40 whose position is changed (step 37) (Kim, para. [0029]-[0032]).

The Kim reference, therefore, divides the printing into a first print step and a second print step such that the second print step is executed after the first print step, and after the paper has been ejected and the position of the paper has been changed. The Kim reference, however, does not disclose printing image graphics data in a print area of a media object and image notation data to an extension area of the media object as the media object makes a single pass through the image printing system, as claimed in independent claims 1, 11, 20, and 26.

In view of the above, Applicant submits that independent claims 1, 11, 20, and 26, and the dependent claims depending therefrom, are each patentably distinct from the Eisenberg, Nguyen, Kim, and Kinjo references and, therefore, are each in a condition for allowance. Applicant, therefore, respectfully requests that the rejections under 35 U.S.C. 103 be reconsidered and withdrawn, and that claims 1-30 be allowed.

New Claims

With this Amendment, Applicant has also added new independent claims 31-34. The image printing system of new independent claim 31 includes, amongst other things, **"the graphics application adapted to simultaneously print image graphics data in a print area of a media object and image notation data to an extension area of the media object."** The image printing method of new independent claim 32 includes, amongst other things, **"simultaneously printing, via the graphics application, the image graphics data to a print area of a media object and the image notation data to an extension area of the media object, including printing the image graphics data to an edge of the print area."** The computer-readable medium of new independent claim 33 includes, amongst other things, an instruction set that causes the processor to **"simultaneously print the image graphics data to an edge of a print area of a media object and the image notation data to an extension area of the media object."** The image printing system of new independent claim 34 includes, amongst other things, **"means for simultaneously printing the image graphics data to an edge of a print area of a media object and the image notation data to an**

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extension area of the media object." Support for these amendments is provided in the Specification at, for example, paragraph [0028].

With respect to the Eisenberg, Nguyen, Kim, and Kinjo references, Applicant submits that these references, individually or in combination, do not disclose an image printing system as claimed in independent claim 31, do not disclose an image printing method as claimed in independent claim 32, do not disclose a computer-readable medium as claimed in independent claim 33, and do not disclose an image printing system as claimed in independent claim 34 including simultaneously printing image graphics data in a print area of a media object and image notation data to an extension area of the media object.

As outlined above, the Kim reference divides the printing into a first print step and a second print step such that the second print step is executed after the first print step, and after the paper has been ejected and the position of the paper has been changed. The Kim reference, however, does not disclose simultaneously printing image graphics data in a print area of a media object and image notation data to an extension area of the media object, as claimed in independent claims 31-34.

In view of the above, Applicant submits that independent claims 31-34 are each patentably distinct from the Eisenberg, Nguyen, Kim, and Kinjo references and, therefore, are each in a condition for allowance. Applicant, therefore, respectfully requests that claims 31-34 be allowed.

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CONCLUSION

In view of the above, Applicant respectfully submits that pending claims 1-34 are all in a condition for allowance and requests reconsideration of the application and allowance of all pending claims.

Any inquiry regarding this Amendment and Response should be directed to either Jeff Limon at Telephone No. (541) 715-5979, Facsimile No. (541) 715-8581 or Scott A. Lund at Telephone No. (612) 573-2006, Facsimile No. (612) 573-2005. In addition, all correspondence should continue to be directed to the following address:

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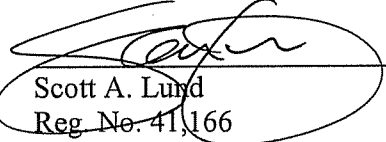
Respectfully submitted,

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Date: Nov. 13, 2008
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